

Cortney Kreller is a staff scientist in the Materials Physics and Applications (MPA) Division at Los Alamos National Laboratory. She earned a B.S. in Chemical Engineering from the University of Maryland, Baltimore County, and M.S. and Ph.D. in Chemical Engineering from the University of Washington. Her graduate research focused on the measurement and modeling of nonlinear rate processes governing the performance of Solid Oxide Fuel Cell (SOFC) cathodes. She conducted postdoctoral work at Imperial College London prior to joining Los Alamos as a postdoctoral researcher in 2011. Kreller's research interests include electrochemical sensors, electrosynthesis of fuels, intermediate temperature fuel cells, and the interplay of crystalline disorder and ionic transport. She recently received the J.Bruce Wagner Jr. award from The Electrochemical Society.